

Product Datasheet

BNP Antibody (5-E2/50E1) **NB100-62133-0.025mg**

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-62133-0.025mg

BNP Antibody (5-E2/50E1)

Product Information

Unit Size	0.025 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5-E2/50E1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

Host	Mouse
Gene ID	4879
Gene Symbol	NPPB
Species	Human
Specificity/Sensitivity	NB100-62133 detects an epitope located at the C-terminal (amino acids 26-32) of the human brain natriuretic peptide (BNP). This clone also known as 50E1.
Immunogen	Human synthetic Brain natriuretic hormone

Product Application Details

Applications	Western Blot, ELISA, Immunoassay, In vitro assay
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunoassay, In vitro assay
Application Notes	Antibody detects a band of approximately 4kDa when using synthetic BNP and a band of 15kDa when using recombinant proBNP. Use in In vitro reported in scientific literature (PMID: 27329291).

Publications

Solomon T, Smith EN, Matsui H et al. Associations Between Common and Rare Exonic Genetic Variants and Serum Levels of Twenty Cardiovascular-Related Proteins: The Tromso Study. *Circ Cardiovasc Genet* 2016-06-21 [PMID: 27329291] (In vitro, Human)

Bu D, Zhou Y, Tang J et al. Expression and purification of a novel therapeutic single-chain variable fragment antibody against BNP from inclusion bodies of *Escherichia coli*. *Protein Expr Purif.* 2013-12-01 [PMID: 24128692] (WB, Human)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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